

# Statements of Water Diversion & Use Program

A report to  
the State Water Resources Control Board  
and  
the Delta Stewardship

November 1, 2011  
Board Item #9

Craig Wilson  
Delta Watermaster

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2008**  
HARVEST WATER RESOURCES CONTROL BOARD  
Statement Number: 001-078

Month	Water diverted	Water diverted for	Water diverted to
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

Signature of Watermaster: \_\_\_\_\_  
Signature of Board Member: \_\_\_\_\_  
Date: \_\_\_\_\_

**STATE OF CALIFORNIA  
DIVISION OF WATER RIGHTS  
STATE WATER RESOURCES CONTROL BOARD  
STATE OF CALIFORNIA, U.S. 95834  
P.O. Box 9000, Sacramento, CA 95834**

**STATEMENT OF WATER DIVERSION AND USE**  
For the period of 12 months ending 12/31/2008

**Watermaster's Name:** \_\_\_\_\_  
**Watermaster's Address:** \_\_\_\_\_  
**Watermaster's Phone:** \_\_\_\_\_  
**Watermaster's Email:** \_\_\_\_\_

**Water Right Number:** \_\_\_\_\_  
**Water Right Description:** \_\_\_\_\_

**Watermaster's Signature:** \_\_\_\_\_  
**Watermaster's Title:** \_\_\_\_\_

**Board Member's Signature:** \_\_\_\_\_  
**Board Member's Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_



# Statements Program

Requires, with minor exceptions, that all persons who divert water from a surface watercourse and who do not have a permit or license from the Board to file a statement of water diversion and use.



**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2004**  
Persons Who Have a License, Permit, or Diversion Order from the Board

Month	Date of Diversion	Amount of Water Diverted (in acre-feet)	Amount of Water Used (in acre-feet)
Jan			
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			

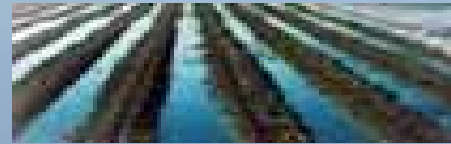
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**Comments:** \_\_\_\_\_

**Declaration:** I declare that the information provided in this statement is true and correct to the best of my knowledge and belief.

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_





- Relevance of the Statements Program to the Delta
- History of the Program
- Recent changes to the Program
- Water Measurement Requirements



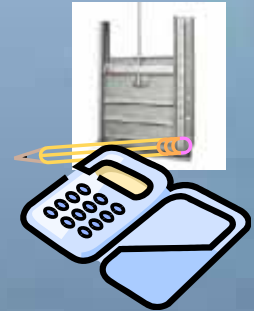
## Relevance of Statements Program to the Delta

- Watermaster Responsibility: Implement monitoring and reporting requirements
- Most Delta diverters do not have Board permits or licenses
- Statements Program is the primary reporting and monitoring program for Delta diverters

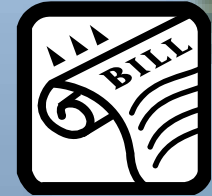


## Relevance of Statements Program to the Delta (cont'd)

- Until recently in-Delta diverters were not required to measure and report their water diversion and use
- Historically there have been little data regarding the nature, extent, and location of these diversions
- Statements Program can bring more **certainty** to water use in the Delta



# Statements of Water Diversion & Use Program



- History of Program

- Started in 1966. Diverters “required” to file Statements
- Many exceptions, including most Delta diverters
- No legal consequence for not filing
- About 10,000 Statements on File as of 2009; only about 250 from Delta Diverters
- Statements are not a water right
- Purpose: To provide a central repository for records of diversion and use.
- Records of diversion amounts were “required”, but no specific measurement requirements.

A sample form titled "STATEMENT OF WATER DIVERSION & USE" with various fields for diversioner information, diversion details, and a table for recording diversion data.

# Statements of Water Diversion & Use Program (cont'd)

- Recent changes to Program
  - Most exceptions eliminated, including those for Delta diverters
  - Requirement to file is now real; fines for not filing
  - In 2010-2011 about 6,700 new Statements were filed, including over 2,000 from the Delta
  - Specific measurement requirements were added

A screenshot of a complex, multi-page form titled 'STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS'. The form contains various sections for data entry, including 'Statement of Water Diversion', 'Statement of Water Use', and 'Statement of Water Rights'. It includes checkboxes for 'I am a Delta diverter' and 'I am a non-Delta diverter', and a table for recording diversion data.

## Number of Delta Diversers Based on Statements Submittals

- Total Diversers: 3,000
- Board permittees/licensees: 335
- Statement Filers
  - Pre-2010: 440
  - 2010 (new): 2225
- For first time, have an accurate number of diversions in the Delta
- Over 90% of diversions are not permittees/licensees
- No accurate numbers yet on amounts of water use in the Delta

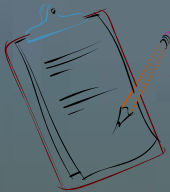




# New Water Measurement Requirements

## A. Statutory: Water Code Sec. 5103

- ★ Apply to water diversions after January 2012
- ★ Monthly records of water diversions
- ★ Measurements shall be made using best available technologies and best professional practices
- ★ These technologies and practices are not required if person demonstrates such practices are not locally cost effective (but **monthly records** still required)
- ★ These requirements are distinct from the new DWR Program Agricultural Water Measurement Program which applies to certain water agricultural suppliers
- ★ Fines for not measuring, tampering with measuring devices, or making misstatements.

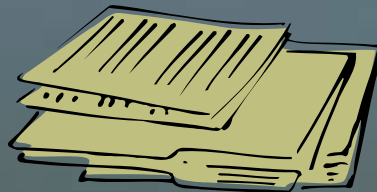


# New Water Measurement Requirements (cont'd)

## B. Legislative Findings re: Purpose of New Requirements



- ★ “Given the well-known importance of water to the state..., water measurement and reporting are required for most diversions.”
- ★ “Because none of these in-Delta diverters are required to measure and report their diversion and use, there is presently little data regarding the nature, extent, and location of these diversions.”



# New Water Measurement Requirements (cont'd)

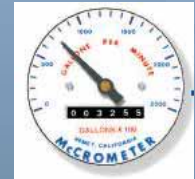
## C. Definitions (Water Code Sec. 5100)

- ★ “Best Available Technologies”: Technologies at the highest technologically practical level, using flow totaling devices and, if necessary, data loggers and telemetry.
- ★ “Best Professional Practices”: Practices attaining and maintaining the accuracy of measurement and reporting devices and methods.
- ★ No definition of “locally cost effective” in Statute. A definition is in Water Code Sec. 10608.12(k) regarding Agricultural Water Conservation.



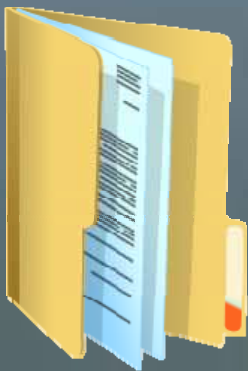
## Summary of New Approach

- 1) Monthly monitoring required starting 1/1/12
- 2) Use monitoring devices based on best engineering technologies and best professional practices
- 3) If diverter can demonstrate that such meters are not “locally cost effective,” alternative monthly measuring may be performed



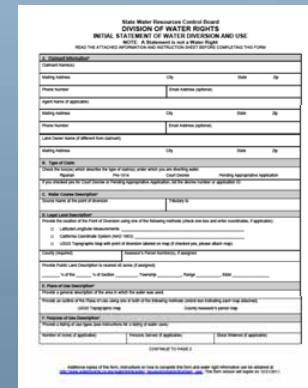
## July 21, 2011 Workshop

- Staff informational report on the Program and implementation options
- Comments and reports from the Public



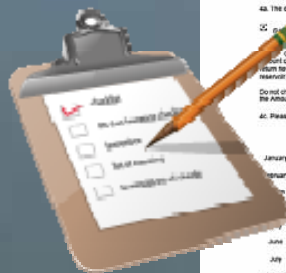
# Implementation of the New Measurement Requirements

- Draft Guidance sent to diverters
  - Narrative summary
  - Draft of revised Statements Form
  - Information posted on Board's website
  - Water measurement devices examples
  - Alternative measurement methods examples
  - Vendor/suppliers of devices
  - Definitions of key water measurement terms
  - Frequently Asked Questions
- Comments requested by 11/18/11



# Implementation of the New Measurement Requirements (cont'd)

- Conduct public meetings, if necessary
- Recommendations to “fine-tune” the water diversion measurement requirements



**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY**  
**STATE WATER RESOURCES CONTROL BOARD**  
**Central Valley Water System**  
**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2010**  
Statement Number: 900113 Primary Owner: RICHARD C. FOLE

Part 2 of 6

**4. AMOUNT OF WATER DIVERTED AND USED**  
NOTE: Please report only the amounts diverted and used under this supplemental statement.  
TO AVOID INACCURATE REPORTING OF WATER DIVERSION AND USE, REPORT WATER DIVERTED UNDER THE WATER RIGHT CLAIMED BY THIS STATEMENT ONLY. DO NOT REPORT WATER DIVERTED UNDER OTHER WATER RIGHTS OR SUPPLIES PURCHASED FROM OTHERS.

4a. The quantity of water used each month and entered in the table below is shown in units of: ☐ Actual (AF) ☒ Accreted (AF)

Check this box if the amount of water used is the same as the amount diverted. Normally, the cost of water used is less than the amount diverted because of conversion losses in channels, much less in a stream, otherwise in water conveyed in a reservoir or water withdrawn from the reservoir.

Do not check this box if your use of water is non-consumptive. As stated below, you must enter "0" in the Amount Used if you do not use water.

4c. Please enter numerical only. For months where no water was used, enter 0.

	Amount directly diverted or collected to storage	Amount used
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0

**1. List dates the measuring device was not functioning:**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

**SECTION 2**  
Indicate the type of measuring device used to determine the amount of water collected to storage:

☐ Propeller Meter  
☐ Magnetic Meter  
☐ Acoustic Meter  
☐ Metergate  
☐ Calibrated Slide Gate  
☐ Calibrated Slide Gate  
☐ Other (Please describe below):

**g. Was measuring device installed/maintained per (check all that apply):**

☐ Manufacturer's Recommendations  
☐ American Water Works Association (AWWA)  
☐ United States Geological Survey (USGS)  
☐ Licensed Civil Engineer  
☐ Certified Hydrographer  
☐ Other

**h. List the make, model and serial number of the measuring device:**

**i. List the make, model and serial number of the measuring device:**

**Size of diversion:**  
1.1 inches

**Amount Depth of Diversion:**  
1.1 inches

**List date measuring device was calibrated:**  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

**Back** **Continue**  
**Save without Submitting**



## Other Activities

- Monitoring
- Enforcement
- Future reports

